

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047844.D
 Acq On : 26 Sep 2025 08:46
 Operator : JC/MD
 Sample : Q3128-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250916MS

Quant Time: Sep 26 22:50:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
 Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	132069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116495	55.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.840%			
35) Dibromofluoromethane	5.373	113	89487	54.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.180%			
50) Toluene-d8	8.635	98	296042	51.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.061	95	114832	52.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74948	54.803	ug/l	98
3) Chloromethane	1.301	50	99996	55.634	ug/l	100
4) Vinyl Chloride	1.380	62	100732	57.252	ug/l	98
5) Bromomethane	1.618	94	55348	49.609	ug/l	100
6) Chloroethane	1.697	64	64634	54.963	ug/l	97
7) Trichlorofluoromethane	1.892	101	139734	53.488	ug/l	100
8) Diethyl Ether	2.136	74	61158	57.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	76764	50.253	ug/l	99
10) Methyl Iodide	2.453	142	102956	43.216	ug/l	100
11) Tert butyl alcohol	2.941	59	67494	288.276	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85617	54.564	ug/l	98
13) Acrolein	2.239	56	53414	247.569	ug/l	99
14) Allyl chloride	2.666	41	157419	48.617	ug/l	97
15) Acrylonitrile	3.056	53	273854	315.780	ug/l	98
16) Acetone	2.374	43	221609	242.449	ug/l	98
17) Carbon Disulfide	2.514	76	236094	54.962	ug/l	98
18) Methyl Acetate	2.703	43	105509	51.867	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	320677	55.984	ug/l	100
20) Methylene Chloride	2.788	84	108422	56.038	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	94528	55.955	ug/l	97
22) Diisopropyl ether	3.757	45	353333	56.306	ug/l	92
23) Vinyl Acetate	3.715	43	1144109	227.805	ug/l	100
24) 1,1-Dichloroethane	3.605	63	186484	55.912	ug/l	99
25) 2-Butanone	4.544	43	335542	294.295	ug/l	99
26) 2,2-Dichloropropane	4.471	77	71490	25.785	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	115845	55.994	ug/l	93
28) Bromochloromethane	4.885	49	81184	55.755	ug/l	99
29) Tetrahydrofuran	4.995	42	208479	303.953	ug/l	99
30) Chloroform	5.087	83	191435	56.799	ug/l	99
31) Cyclohexane	5.458	56	133903	48.203	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	153731	53.774	ug/l	99
36) 1,1-Dichloropropene	5.684	75	120109	49.680	ug/l	99
37) Ethyl Acetate	4.702	43	120166	46.421	ug/l	100
38) Carbon Tetrachloride	5.666	117	130981	49.863	ug/l	94
39) Methylcyclohexane	7.367	83	119007	43.364	ug/l	97
40) Benzene	6.025	78	389677	53.067	ug/l	100

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41) Methacrylonitrile	4.910	41	77682	58.128	ug/l	98
42) 1,2-Dichloroethane	6.074	62	145148	51.951	ug/l	97
43) Isopropyl Acetate	6.324	43	203803	48.004	ug/l	100
44) Trichloroethene	7.111	130	92274	51.977	ug/l	97
45) 1,2-Dichloropropane	7.415	63	101818	54.150	ug/l	98
46) Dibromomethane	7.568	93	74435	54.400	ug/l	98
47) Bromodichloromethane	7.806	83	152927	54.162	ug/l	99
48) Methyl methacrylate	7.678	41	114358	54.077	ug/l	98
49) 1,4-Dioxane	7.647	88	29427	1376.912	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	692293	294.104	ug/l	100
52) Toluene	8.708	92	239323	52.900	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	135623	47.091	ug/l	96
54) cis-1,3-Dichloropropene	8.354	75	142444	46.273	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	96822	55.503	ug/l	98
56) Ethyl methacrylate	9.104	69	151998	55.482	ug/l	97
57) 1,3-Dichloropropane	9.293	76	168824	56.337	ug/l	100
59) 2-Hexanone	9.415	43	481056	284.550	ug/l	99
60) Dibromochloromethane	9.506	129	112095	55.768	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100115	56.345	ug/l	99
64) Tetrachloroethene	9.256	164	70646	46.899	ug/l	98
65) Chlorobenzene	10.061	112	264245	50.337	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	92060	50.821	ug/l	98
67) Ethyl Benzene	10.177	91	446063	49.248	ug/l	99
68) m/p-Xylenes	10.287	106	335889	99.632	ug/l	99
69) o-Xylene	10.628	106	163837	50.244	ug/l	97
70) Styrene	10.640	104	285635	49.992	ug/l	98
71) Bromoform	10.781	173	70377	52.031	ug/l #	98
73) Isopropylbenzene	10.945	105	412643	46.783	ug/l	99
74) N-amyl acetate	10.829	43	159428	39.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	138696	51.973	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	106464m	45.323	ug/l	
77) Bromobenzene	11.183	156	104389	48.052	ug/l	98
78) n-propylbenzene	11.287	91	484363	46.453	ug/l	100
79) 2-Chlorotoluene	11.348	91	300372	47.034	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	338016	46.644	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	32880	35.695	ug/l	99
82) 4-Chlorotoluene	11.439	91	351815	46.645	ug/l	98
83) tert-Butylbenzene	11.695	119	341819	46.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	342872	46.668	ug/l	100
85) sec-Butylbenzene	11.872	105	398208	45.192	ug/l	100
86) p-Isopropyltoluene	11.988	119	334025	44.776	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	188962	46.830	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	191613	46.268	ug/l	99
89) n-Butylbenzene	12.317	91	303246	43.932	ug/l	99
90) Hexachloroethane	12.518	117	60001	45.812	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	186196	48.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26943	49.867	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	113030	45.241	ug/l	98
94) Hexachlorobutadiene	13.707	225	34213	40.316	ug/l	99
95) Naphthalene	13.756	128	368844	48.482	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	110016	47.338	ug/l	99

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(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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